
Educ - Agricultural Research & Extension

Agricultural Research

Description:

The Agricultural Research and Extension System (ARES) is part of the Land-Grant system established by the Morrill Act of 1862. The University of Idaho Cooperative Extension System, established in 1915 under the Smith-Lever Act of 1914, conducts educational outreach programs to improve the quality of life for Idaho citizens through educating by helping them apply the latest scientific technology to their communities, businesses, lives and families. The Idaho Agricultural Experiment Station, established in 1892 under the Hatch Act of 1887, conducts fundamental and applied research to solve problems and meet needs in Idaho's agriculture, natural resources, youth and family, and related areas.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Conduct educational outreach programs through the University of Idaho Cooperative Extension System.

- A. Provide educational opportunities for 8,750 farm and ranch operators and 400 private forest landowners focused on increasing production efficiency and profitability while protecting the quality, productivity, and sustainability of natural resources through IPM, best management, whole farm, and ecosystem management systems and practices.

Actual Results			
1996	1997	1998	1999
9,000/350	8,750/45	10,250/400	9,460/400
Projected Results			
2000	2001	2002	2003
8,750/500	8,500/500	8,500/500	8,500/500

- B. Improve food safety and nutritional quality of diets/food by providing educational opportunities for 2,200 individuals, families and food service personnel.

Actual Results			
1996	1997	1998	1999
1,993	1,650	4,425	6,504
Projected Results			
2000	2001	2002	2003
2,400	2,400	3,000	5,000

- C. Enhance the university's ability to conduct relevant education and rural development programs for 1,750 individuals, small business entrepreneurs, and 45 communities.

Actual Results			
1996	1997	1998	1999
1,400/35	1,400/40	3,258/39	4,595/42
Projected Results			
2000	2001	2002	2003
1,900/50	2,000/50	2,000/50	2,000/50

- D. Increase youth participation in 4-H by three percent through school enrichment, special interest, and after school activities.

Actual Results			
1996	1997	1998	1999
1%	1%	2.9%	2.7%
Projected Results			
2000	2001	2002	2003
5%	5%	5%	5%

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- E. Maintain the effectiveness and longevity of volunteers through orientation and ongoing education for 7,000 4-H leaders, 500 Master Gardeners, 50 Master Food Preservers, 250 Ag Cooperators, and 250 Family Finance Volunteers.

Actual Results			
1996	1997	1998	1999
7,000/600/60	7,000/500/50	7,183/669/118/264/244	4,920/560/56/275/275
Projected Results			
2000	2001	2002	2003
7,000/500/50/250/250	7,000/500/50/250/250	8,000/750/75/250/250	8,000/750/75/250/250

- F. Provide financial and production management education to at least 100 FmHA borrowers through an integrated program with USDA Farm Service Agency.

Actual Results			
1996	1997	1998	1999
100	100	110	132
Projected Results			
2000	2001	2002	2003
100	125	75	50

- G. Increase current level of \$3.7 million in extension grants, contracts, and county expenditures by five percent.

Actual Results			
1996	1997	1998	1999
\$3.72 million	\$3.8 million	\$4.8 million	\$5.081 million
Projected Results			
2000	2001	2002	2003
\$5.29 million	\$5.55 million	\$5.83 million	\$5.83 million

- H. Produce or revise 80 Current Information Series publications or Extension Bulletins on topics of interest and need by clientele.

Actual Results			
1996	1997	1998	1999
64	70	72+55 4-H publications	111
Projected Results			
2000	2001	2002	2003
72	72	72	80

2. Conduct fundamental and applied research programs through the Idaho Agricultural Experiment Station.
- A. Increase external funding for agricultural research to \$10 million.

Actual Results			
1996	1997	1998	1999
\$8.76 million	\$7.9 million	\$6.1 million	\$6.82 million
Projected Results			
2000	2001	2002	2003
\$7.3 million	\$8.1 million	\$8.9 million	\$9.2 million

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- B. Generate 100 technical publication with research results directed to the needs of Idaho agriculture, rural communities, and families. Areas of emphasis include: productivity and sustainability of natural resources through IPM; whole farm and ecosystem best management systems and practices; profitability in agriculture; genetic improvement of crops; and food quality and safety.

Actual Results			
1996	1997	1998	1999
92	93	88	110
Projected Results			
2000	2001	2002	2003
100	100	105	110

- C. Maintain an average of 30 interactions and cooperative research program linkages with Idaho's commodity commissions/organizations and the Idaho Department of Agriculture in order to develop research programs that continue to meet the needs of Idaho's agriculture.

Actual Results			
1996	1997	1998	1999
25	30	41	39
Projected Results			
2000	2001	2002	2003
35	35	38	40

- D. Develop new varieties of wheat, barley, potato, dry beans, and rapeseed with improved agronomic and end-use qualities. Maintain an average of two new variety releases each year. Specifically, for FY99, release the two wheat varieties and five rapeseed varieties (both industrial and canola types) and condiment mustard.

Actual Results			
1996	1997	1998	1999
1	2	11	3
Projected Results			
2000	2001	2002	2003
2	2	3	3

Program Results and Effect:

The Cooperative Extension System is an integral part of the University of Idaho and the College of Agriculture and is administratively coordinated with the teaching and research function of the college. The Extension System helps people improve the social, economic and environmental qualities of their lives through research-based education and leadership development focused on issues and needs.

The Idaho Agricultural Experiment Station (IAES) has the responsibility to conduct applied and basic investigations leading to problem solving and new knowledge to support Idaho's complex agriculture. In addition to agricultural research conducted on the Moscow campus, the IAES maintains and operates seven diversified agricultural research centers with experimental farms around the State.

For more information contact Larry Branen at 885-6681.